

Current Claims

Please add new claim 36.

1-17 (previously canceled).

18. (Previously Amended) A remote display device for remote interaction by a user with a main computer, the main computer being in communication with a main transmitter and a main receiver, the main computer featuring a local video card for compressing a display signal, the display signal comprising at least video data, and the main computer featuring a local input port for receiving input instructions, the device comprising:

(a) a computer monitor for receiving a compressed display signal directly from the local video card through the main transmitter, said computer monitor decompressing said compressed display signal to form the video data for displaying a display to the user according to the video data after decompression, said computer monitor featuring a remote receiver for directly receiving said compressed display signal from the main transmitter; and

(b) a remote input platform for receiving input data from the user and for transmitting said input data directly to the main computer through the main receiver, said remote input platform featuring a remote transmitter for transmitting said input data to the main receiver;

such that the remote computer monitor lacks a CPU (central processing unit) and such that only the main computer has said CPU;

wherein the main computer, said computer monitor and said remote input platform only in combination form a computer, and wherein said computer monitor and said remote input platform are physically separable from the main computer.

19. (Previously added) The device of claim 18, wherein said remote receiver and the main receiver are both radiowave receivers.

20. (Previously added) The device of claim 19, wherein said radiowave receiver receives radiowaves in a range of from about 2.4 GHz to about 5.8 GHz.

21. (Previously added) The device of claim 20, wherein said radiowave receiver is an ISM band receiver.

22. (Previously added) The device of claim 18, wherein said remote transmitter and the main transmitter are both radiowave transmitters.

23. (Previously added) The device of claim 22, wherein said radiowave transmitter transmits radiowaves in a range of from about 2.4 GHz to about 5.8 GHz.

24. (Previously added) The device of claim 23, wherein said radiowave transmitter is an ISM band SP² transmitter.

25. (Previously added) The device of claim 18, wherein said computer monitor further comprises:

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- (i) a video expander for receiving said display signals from said remote receiver and for expanding said display signals to produce expanded signals.

26. (Previously added) The device of claim 25, wherein said computer monitor further comprises:

- (ii) an audio amplifier for amplifying audio signals from said remote receiver; and
- (iii) a speaker for audibly displaying said audio signals received from said audio amplifier.

27. (Previously added) The device of claim 18, wherein said remote input platform further comprises a remote keyboard and a remote pointing device.

28. (Previously added) The device of claim 27, wherein said remote input platform further comprises a joystick port.

29. (Previously added) The device of claim 28, wherein said remote input platform further comprises a microphone.

30. (Previously added) The device of claim 18, wherein said input data is transmitted directly to the local input port of the main computer.

31. (Previously Amended) A system for remote interaction with a user, comprising:

(a) a main computer, said main computer featuring a CPU, said main computer comprising:

(i) a main radio transmitter for transmitting radiowaves and a main receiver for receiving radiowaves;

(ii) a plurality of video cards, including at least a first video card being locally connectable and including at least a second video card for compressing a display signal; and

(iii) an operating system capable of controlling said plurality of video cards substantially simultaneously;

(b) a computer monitor for receiving a compressed display signal from said second of said plurality of video cards through said main transmitter of said main computer, said computer monitor featuring a remote radiowave receiver for receiving said compressed display signal, said computer monitor lacking a CPU, said computer monitor decompressing said compressed display

signal and displaying a display to the user according to video data obtained after decompression; and

(c) a remote input platform for receiving input data from the user and for transmitting said input data to said main computer, said remote input platform featuring a remote radiowave transmitter for transmitting said input data, said remote input platform lacking a CPU;

wherein said computer monitor and said remote input platform are physically separable from said main computer.

32. (Previously added) The system of claim 31, wherein said main computer further comprises:

(iv) a local input device; and

(v) an input device port for receiving input data from said local input device and from said remote input platform;

and wherein the system further comprises:

(d) a switching box for switching said input data from said local input device and from said remote input platform to said input device port.

33. (Previously added) The system of claim 32, wherein said main computer features a main radiowave receiver for receiving radiowaves from said remote input platform.

34. (Previously added) The system of claim 33, wherein said switching box features a main radiowave receiver for receiving radiowaves from said remote input platform, said switching box passing said radiowaves to said main computer.

35. (Previously added) A computer for remote interaction by a user, comprising:

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- (a) a local video card for producing a display signal, the display signal comprising at least video data;
 - (b) a compressor for compressing said video data;
 - (c) a main transmitter for transmitting compressed video data;
 - (d) a main receiver;
 - (e) a remote computer monitor for receiving said compressed video data directly from said local video card through said main transmitter, said computer monitor further comprising a video expander for decompressing said compressed display signal to form video data, said video data being displayed to the user according to said video data after decompression, said computer monitor featuring a remote receiver for directly receiving said compressed video data from said main transmitter; and
 - (f) a remote input platform for receiving input data from the user and for transmitting said input data directly to said main transmitter through said main receiver, said remote input platform featuring a remote transmitter for transmitting said input data to the main receiver;

such that the remote computer monitor lacks a CPU (central processing unit) and such that only the main computer has said CPU; wherein the main computer, said computer monitor and said remote input platform only in combination form a computer, and wherein said computer monitor and said remote input platform are physically separable from the main computer.

36. (New) A detachable display device for supporting local and remote interaction by a user with a main computer, the main computer being in communication with a main transmitter and a main receiver, the main computer featuring a local video card for compressing a display signal, the display signal comprising at least video data, and the main computer featuring a local input port for receiving input instructions, the device comprising:

(a) a computer monitor for receiving a compressed display signal directly from the local video card through the main transmitter, said computer monitor decompressing said compressed display signal to form the video data for displaying a display to the user according to the video data after decompression, said computer monitor featuring a remote receiver for directly receiving said compressed display signal from the main transmitter; and

(b) a remote input platform for receiving input data from the user and for transmitting said input data directly to the main computer through the main receiver, said remote input platform featuring a remote transmitter for transmitting said input data to the main receiver;

such that the remote computer monitor lacks a CPU (central processing unit) and such that only the main computer has said CPU;

wherein the main computer, said computer monitor and said remote input platform only in combination form a computer, and wherein said computer monitor and said remote input platform are physically separable from the main computer.
